

WATER-IN-OIL EMULSIONS WITH ETHYLENE OXIDE GROUPS,
COMPOSITIONS, AND METHODS

5 ABSTRACT OF THE DISCLOSURE

Water-in-oil emulsions, compositions, and methods that include a vinyl
polymer that includes ethylene oxide-containing side chains and alkyl-Y-
containing side chains, wherein Y is O or NR, wherein R is H or CH₃, and
wherein the alkyl group of the alkyl-Y-containing side chain has at least 4
10 carbon atoms on average in a cyclic, branched-, or straight-chain configuration
and optionally including one or more heteroatoms.

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PRINTED NAME Kimberly A. Hays

SIGNATURE Kimberly A. Hays